

Application No.: 10/088,538
Amendment Dated June 16, 2005
Reply to Office Action of April 20, 2005

Amendments to the Claims:

1-5. (Cancelled)

6. (Currently Amended) A method for blocking apoptosis during preserving and storing a heart awaiting transplantation comprising:

perfusing said heart for up to 24 hours with a solution comprising consisting essentially of:

- (a) a balanced isotonic solution in a physiologically acceptable amount;
- (b) cyclosporin A in an amount from about 2.5 μ M to about 10 μ M per liter of solution; and
- (c) water.

7. (Original) The method according to Claim 6 wherein said balanced isotonic solution includes sodium, potassium, calcium, magnesium ions and bicarbonate.

8. (Cancelled)

9. (Previously Presented) The method according to Claim 6 wherein said cyclosporin A is present in an amount from about 5.0 μ M to about 8.0 μ M per liter of solution.

10. (Previously Presented) The method according to Claim 6 wherein said balanced isotonic solution comprises:

Concentration Ranges in 1 Liter	
NaCl	85 mM to 145 mM
KCl	3 mM to 50 mM
CaCl ₂	0.5 mM to 2.5 mM
KH ₂ PO ₄	0.7 mM to 1.3 mM
MgSO ₄	0.9 mM to 4.8 mM
NaHCO ₃	15 mM to 35 mM
Glucose	1.0 mM to 50 mM

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11. (Previously Presented) A medicament for preserving and storing a heart while awaiting transplantation consisting essentially of:

- (a) a balanced isotonic solution in a physiologically acceptable amount;
- (b) cyclosporin A in an amount from about 2.5 μM to about 10 μM per liter of solution; and
- (c) the remaining being water,

whereby said heart awaiting transplantation is preserved for up to 24 hours.

12. (Previously Presented) The medicament according to Claim 11 wherein said balanced isotonic solution includes sodium, potassium, calcium, magnesium ions and bicarbonate.

13. (Previously Presented) The medicament according to Claim 11 wherein said cyclosporin A is present in an amount from about 5.0 μM to about 8.0 μM per liter of solution.

14. (Previously Presented) The medicament according to Claim 11 wherein said balanced isotonic solution comprises:

Concentration Ranges in 1 Liter	
NaCl	85 mM to 145 mM
KCl	3 mM to 50 mM
CaCl ₂	0.5 mM to 2.5 mM
KH ₂ PO ₄	0.7 mM to 1.3 mM
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